

**Tower Standard Technical Group Discussion
DRAFT Notes from June 23, 2016 Call**

Attendees: **Bob Egan, EPA**
 Dave Larsen, REI

Kristen Hanson, LdF TNR
Chris Saari, WDNR

MIP/HPT update – Larsen has not heard anything from the driller (Cascade) that would change the schedule, still on track to start on July 11. REI is still working out some access issues.

Larsen asked if installation of the two monitoring wells needed for the USGS study has been scheduled yet. Egan indicated that EPA's contracting package is at Headquarters for review, might be another 2-3 weeks before approval.

Larsen mentioned that the next quarterly groundwater sampling round would be due in July, and he asked if there would be a preference on timing. I suggested that perhaps the sampling could be completed concurrent with the MIP/HPT work (to take advantage of all parties being in attendance already). However, the consensus was that the site might be too busy at that time and the end of July would work better. Hanson asked if the scope of work (SOW) for the sampling would be the same as previous rounds; Larsen replied that it should be, with the exception of perhaps dropping some metals from the analyte list.

Hanson then asked about a SOW for the MIP/HPT work. Since we are not intending to designate the locations of the borings beforehand, Hanson thought that a couple-sentence description of the proposed work should be sufficient for TNR approval. Larsen said that he would prepare that description, and include some method information from Cascade as well. Hanson pointed out how this current (PECFA) process differs from TNR's normal process (i.e., data quality objectives, QAPP, etc.), and that, under their normal process, the SOW approvals would be covered through approvals of those other documents.

Egan asked if Cascade will be able to tell us up front where they will start. Larsen said that he has shared site information with Cascade, and their technical support staff will provide input as to where we should begin the drilling. That same technical support staff will also provide overnight input for the next day's work, to aid in selecting boring locations.

Saari asked for an update on the proposed USGS study. Hanson said that the monitoring equipment will be arriving in Wisconsin from Connecticut around July 18, and will then need to be calibrated for a few days. The monitoring equipment should be deployed around July 20, and will be in the lake for about a week before it starts generating data. USGS will then come back around that time (July 27) to conduct porewater sampling and vertical temperature profiling. The data cable will be removed from the lake by the end of July, but the vertical temperature probes will remain in place for a few more weeks after.

Hanson also mentioned that she just learned on June 22 that BIA approved a funding request

for additional surface water/groundwater study, but she did not have further information to share at this time.

I brought up the potential need for a permit under chapter 30, Wis. Stats., to place the data cable and temperature probes in the bed of the lake. Hanson replied that all permitting for their projects comes from the Corps of Engineers, and at this point it does not appear that any Corps permits would be needed.

Larsen then asked about the status of the \$70,000 for interim action funding that was discussed at the May 26 site meeting. Egan said that part of EPA's contract with Bristol will be to figure out how best to utilize that funding, and then see what EPA could do to help. Larsen pointed out that vendors used by REI are reporting a 6-8 week backlog for remedial equipment (e.g., air sparging and soil vapor extraction), in case EPA and TNR were contemplating installation of a remedial system. Egan said that in light of property access issues, it is unlikely that they would install a remedial system.

Egan then mentioned two additional items: 1) Bristol should be on board and available for the next technical group call on July 28, and 2) he will be on vacation the week of June 27 and not checking emails. Sherry Kamke will be the EPA contact for any pressing issues that might come up during that time.

Next Call: 8 AM, July 28, 2016